

## **LISTING OF THE CLAIMS**

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) A barrel-shaped bearing comprising: (1) having an external bearing ring, (2) and an internal bearing ring (3), having inward of the external ring;

at least one row of barrel-shaped rolling bodies (4, 22) arranged in between the external and internal rings, each rolling body, having opposite ends and an encircling groove into and extending around the rolling body between the ends thereof;[[,]] and having

at least one disk-shaped cage between the rings (5, 27) which revolves together with the rolling bodies (4, 22), the cage engages in an the encircling groove (7) grooves of the rolling bodies (4, 22) of one row and, the cage having an on its outer circumference, including (8), has a number of recesses (9) therein corresponding to the number of rolling bodies (4, 22) of a in the row, characterized in that

[[a]] the inner ring having a running surface toward the rolling bodies, and the entire running surface (12) of the internal ring (3) has a concave cross section extending axially over the entire axial length of a the rolling body (4, 22) bodies;

[[b]] the recesses in the cage being of such depth and so shaped as to have two opposed sides such that the smallest distance between the two sides (26, 31) of a recess (9) of the disk-type cage (5, 27) is smaller in the region of the outer circumference (8) thereof of the cage than the a diameter of a rolling body (4, 22) in the region of the groove (7) encircling the latter rolling body.

2. (Currently Amended) The barrel-shaped bearing as claimed in claim 1, characterized in that wherein the maximum (radial) radial width b of the annular disk-type cage (5, 27) between the outer and an inner circumferential surface (8, 10) thereof of the cage is greater than half of the diameter of a rolling body (4, 22) in the region of the groove (7) encircling the latter rolling body.

3. (Currently Amended) The barrel-shaped bearing as claimed in claim 1, wherein or 2, characterized in that the maximum (radial) radial width b of the annular disk-type cage (5, 27)

between the outer and an inner circumferential circle (8, 10) thereof is equal to or greater than the diameter of a rolling body (4, 22) in the region of the groove (7) encircling the rolling body~~latter~~, or is greater than said diameter.

4. (Currently Amended) The barrel-shaped bearing as claimed in ~~one of claims 1 to 3~~, characterized in that claim 1, wherein the distance between two adjacent ones of the recesses (9) of in the disk-type cage (4, 22) in the region of the outer circumference (8) thereof is greater than the difference of in the maximum diameter of a rolling body (4, 22) minus the diameter thereof of the rolling body in the region of the groove base (13).

5. (Currently Amended) The barrel-shaped bearing as claimed in ~~one of the preceding claims~~, characterized in that the claim 1, wherein opposing sides (26, 31) of a recess (9) of the disk-type cage (5, 27) in the region of the outer circumference (8) thereof of the cage converge in its the radial direction.

6. (Currently Amended) The barrel-shaped bearing as claimed claim 1, wherein in ~~one of the preceding claims~~, characterized in that a recess in (9) of the disk-type cage (5, 27) is edged by a curve (25, 28) of constant curvature  $r_s$  (in some regions) at least in some regions.

7. (Currently Amended) The barrel-shaped bearing as claimed in ~~one of the preceding claims~~, characterized in that claim 1, wherein the radius of curvature  $r_s$  of the an edging curve (25, 28) of a recess (9) of the disk-type cage (5, 27) is smaller than the a radial width  $b$  of the disk-type cage: such that  $r_s < b$ .

8. (Currently Amended) The barrel-shaped bearing as claimed in ~~one of the preceding claims~~ claim 1, characterized in that wherein the encircling groove (7) in the circumferential surface

(16) of a barrel-shaped rolling body (4, 22) has mutually parallel side surfaces (21) or has side surfaces (23) diverging that diverge outward from each other.

9. (Currently Amended) The barrel-shaped bearing as claimed in claim 8, characterized in that wherein the side surfaces (23) of the encircling groove (7) in the circumferential surface (16) of a barrel-shaped rolling body (22) run along conical circumferential surface areas.

10. (Currently Amended) The barrel-shaped bearing as claimed in claim 9, wherein characterized in that the conical circumferential surface areas of a groove (23) in each case have opening angles  $\alpha$  of more than  $170^\circ$ , preferably of more than  $175^\circ$ , in particular of more than  $178^\circ$ , so that the side surfaces (23) of a groove (7) enclose an intermediate angle  $\beta$  of less than  $20^\circ$ , preferably of less than  $10^\circ$ , in particular of less than  $4^\circ$ .

11. (Currently Amended) The barrel-shaped bearing as claimed in claim 9, wherein one of the preceding claims, characterized in that the conical circumferential surface areas (23) in each case have opening angles  $\alpha$  of less than  $179^\circ$ , so that the side surfaces (23) of a groove (7) enclose an intermediate angle  $\beta$  of more than  $2^\circ$ .

12. (Currently Amended) The barrel-shaped bearing as claimed in claim 1, wherein in one of the preceding claims, characterized in that the groove has width  $b_N$  at the groove base (13) which corresponds approximately to the thickness  $d$  of the disk-type cage (5, 27).

13. (Currently Amended) The barrel-shaped bearing as claimed in claim 1, wherein one of the preceding claims, characterized in that the cross-section of geometry of the external ring (2), of the internal ring (3) and of the rolling bodies (4, 22) is have respective cross-sections dimensioned in such a manner that a total of three or four contact points with the rings are produced per rolling body (4, 22).

14. (New) The barrel-shaped bearing as claimed in claim 10, wherein the opening angle is more than 175° and the intermediate angle is less than 10°.

15. (New) The barrel-shaped bearing of claim 10, wherein the opening angle is more than 178° and the intermediate angle is less than 4°.